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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231, In. PATENT IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED APR 3 0 2002 RE APPLICATION OF: JEFFREY TUATINI ART UNIT: 2661 Technology Center 2600 APPLICATION No.: 09/755,597 CONFIRMATION No.: 4894 FILED: JANUARY 2, 2001 DOCKET No. 243768009US1 For: PASSTHRU TO SHARED SERVICE (25MB-0021) **FUNCTIONALITY Information Disclosure Statement Within Three Months of** Application Filing or Before First Action – 37 CFR 1.97(b) Commissioner for Patents Washington, D.C. 20231 Sir: 1. Timing of Submission This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application. 2. Cited Information M Copies of the following references are enclosed: All cited references References marked by asterisks The following: Copies of the following references can be found in parent application Ser. No. All cited references References marked by asterisks The following: The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching

Authority citing the reference, (iii) a copy of a reference which appears to be

an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

☐ All cited references☐ References marked by ampersands☐ The following:

3. <u>Effect of Information Disclosure Statement (37 CFR 1.97(h))</u>

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Date: April 24, 200 Z

Respectfully submitted, Perkins Coie LLP

Maurice J. Pirio

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Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247

Phone: (206) 583-8888

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EXAMINER INITIALS No. Cite Number (If known) AC OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS EXAMINER (If known) OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the time (hook, magazine, journal, serial, symposium, catalog, etc., date, page(s), outlamedisse underst, publisher, city and/or country where published. Netegrity Securely Managing E-Business, "Netegrity SiteMinder 4.6: Competitive Advantages" http://www.netegrity.com/products/i 1991-2001, Netegrity, Inc. [Accessed January 28, 2002] Brokat, "Brokat Technologies Announces New Version of Java TM Based Business Rules Technology, Sixty Seconds to Sophisticated Rule Maintenance Applications for Business Managers," San Jose, California, June 5, 2001 http://www.brokat.com/en/news/pr [Eclipse, Knowledge Automation Thru Rule-Based Programming, Knowledge Management for Business Rules, The Haley Enterprise, Inc., Sewickley, PA, 1999 Grosof, Benjamin N. and Labrou, Yannis, IBM Research Report, "An Approach to Using XML and a Rule-Based Content Language with an Agent Communication Language," Electrical Engineering and Computer Science Department, University of Maryland, Baltimore, Maryland, May 28, 1999 Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002]		AB											
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Eclipse, Knowledge Automation Thru Rule-Based Programming, Knowledge Management for Business Rules, The Haley Enterprise, Inc., Sewickley, PA, 1999 Grosof, Benjamin N. and Labrou, Yannis, IBM Research Report, "An Approach to Using XML and a Rule-Based Content Language with an Agent Communication Language," Electrical Engineering and Computer Science Department, University of Maryland, Baltimore, Maryland, May 28, 1999 Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	1												
Rules, The Haley Enterprise, Inc., Sewickley, PA, 1999 Grosof, Benjamin N. and Labrou, Yannis, IBM Research Report, "An Approach to Using XML and a Rule-Based Content Language with an Agent Communication Language," Electrical Engineering and Computer Science Department, University of Maryland, Baltimore, Maryland, May 28, 1999 Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED													
Grosof, Benjamin N. and Labrou, Yannis, IBM Research Report, "An Approach to Using XML and a Rule-Based Content Language with an Agent Communication Language," Electrical Engineering and Computer Science Department, University of Maryland, Baltimore, Maryland, May 28, 1999 Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	12		- '	_			•	ig, Kilo	wiedge ivialiage	ment for Dusiness			
Based Content Language with an Agent Communication Language," Electrical Engineering and Computer Science Department, University of Maryland, Baltimore, Maryland, May 28, 1999 Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	しノ	Аŀ			,								
Science Department, University of Maryland, Baltimore, Maryland, May 28, 1999 Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	.,()						-			_			
Grosof, Benjamin, "Business Rules for E-Commerce: Interoperability and Conflict Handling," IBM T.J. Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	14 "	AG											
Watson Research Center, Hawthorne, New York, September 22, 1999. Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. AI OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	\-												
Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000. AI OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	. 1 9												
OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED	12	AH	watson Research	Cente	i, Hawu	norne, New 101	ik, September 22	., 1999.			1		
OpenLDAP 2.0 Administrator's Guide, September 15, 2000 http://www.openldap.org/doc/admin [Accessed January 28, 2002] DATE CONSIDERED			Extensible Markup Language (XML) 1.0 (Second Edition), W3C Recommendation, October 6, 2000.										
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				U.S. PATENT	DOCUMENTS	<u> </u>						
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√A ta			J2EE Design Patterns, Model-View-Controller Architecture, Sun Microsystems, Inc., 2001.									
₩ W	AC	http://java.sun.com/blueprints/patter										
		[Accessed January 28, 2002]										
19 0	AD	Burbeck, Steve, "Applications Programming in a Smalltalk-80(TM): How to Use Model-View-Controller (MVC), Copyright 1987										
		http://st-www.cs.uiuc.edu/users/sma										
4 / 10		Enterprise JavaBeans TM Specification v1.1, Sun Microsystems, Inc., Palo Alto, California,										
90 m	AE	December 17, 1999										
V												
(AF	developerWorks: Web Architecture XML: Library										
11		"IBM Application Framework for e-business: Web Application Programming Model" http://www.ibm.com/developer/features/framework/framework.html										
V		December 14, 2000										
1 -		Simplified Guide to the Java TM 2 Platform, Enterprise Edition, Sun Microsystems, Inc., Palo Alto,										
11/20	AG	California, 1999										
V												
121		Java Message Service™, Version 1.0.1, Sun Microsystems, Inc., Mountain View California, October 5, 1998										
	AH											
		Sun Microsystems, Inc., Java Naming and Directory Interface TM Application Programming Interface (JNDI										
NYO		API), July 14, 1999										
'V	AI .											
K.		JavaServer Pages™ Specification, Version 1.1, Sun Microsystems, Inc., Palo Alto, California, November 30,										
	AJ	1999										
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751 m			Trythall, Steve, "JMS and CORBA Notification Interworking," O'Reilly Network, December 12, 2001 http://www.onjava.com/lpt/a/onjav									
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